# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L13 | 0 | ("2004/0076384").URPN. | USPAT | OR | ON | 2006/03/13 09:16 |
| L14 | 730 | 385/93.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 09:17 |
| L15 | 87 | (laser diode) and (ferrule same sleeve same metal$4 same weld$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 10:31 |
| L16 | 40 | (laser adj diode) and (ferrule same sleeve same metal$4 same weld$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 10:31 |
| L17 | 16 | ((laser wihth diode) and ferrule and (sleeve or holder or guide) and metal$4 and weld$3).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 10:32 |
| L18 | 3 | ((laser with diode) and ferrule and (sleeve or holder or guide) and metal$4 and weld$3).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 10:32 |
| S1 | 7 | (("5661835") or ("6244754") or ("6572279") or ("6646291") or ("6786627") or ("6836490") or ("6805494")).PN. | US-PGPUB; USPAT | OR | OFF | 2005/02/23 17:03 |
| S2 | 33 | (optical with module) and Kovar and (heat with sink) and (ceramic same metal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/24 09:15 |
| S3 | 0 | ("2004/0076384").URPN. | USPAT | OR | ON | 2005/02/23 17:12 |

| S4 | 100 | ("6350063" "6166844" "4850664" "4875752" "5680493" "5940563" "5280389" "5215489" "5751877" "5905827" "5548677" "6095695" "6196855" "5802230" "6240235" "5751878" "5009481" "5537503" "5916458" "6236669" "6312167" "6374021" "6722794" "4403238" "5503590" "5640475" "5946436" "6076977" "6102583" "4823349" "5066149" "5326969" "5721426" "5880795" "5887101" "5906309" "5907162" "6009712" "6074102" "6156596" "6164838" "6196441" "6400364" "6407418" "6170996" "6181854" "5225942" "6074577" "4861139" "5228018").pn. ("6144511" "6361177" "6454400" "5329067" "5621837" "5724462" "5980119" "6027254" "6164836" "6377385" "6718098" "5386488" "5528407" "5673350" "5703982" "5774611" "6425696" "6565266" "3806259" "4997252" "5783815" "5909276" "5949939" "6434264" "6477266" "6744961" "4779949" "5359689" "6196553" "4591627" "5195155" "5315609" "5347604" "5388171" "5452389" "5526455" "5586208" "5596665" "5687270" "5841923" "5936263" "5963696" "5973862" "6010251" "6043550" "6071001" "6108359" "6120191" "6126325" "6147817").pn. | USPAT | OR | ON | 2005/02/23 17:16 |
| S5 | 33 | (optical with module) and (Kovar or FeNi$2) and (heat with sink) and (ceramic same metal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/23 17:18 |
| S6 | 33 | (optical with module) and (Kovar or "FeNi"$2) and (heat with sink) and (ceramic same metal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/23 17:18 |
| S7 | 0 | S4 and (Kovar or "FeNi"$2) and (heat with sink) and (ceramic same metal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/24 08:11 |

| S8 | 76 | (optical with module) and (Kovar or "FeNi"$2) and ((heat with sink) or cool$3) and (ceramic same metal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/23 17:19 |
|---|---|---|---|---|---|---|
| S9 | 43 | S8 not S6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/23 17:19 |
| S10 | 75 | (optical with module) and (latch$3 same adapter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/23 17:34 |
| S11 | 18 | (optical with module) and (latch$3 same adapter same ferrule) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/23 17:38 |
| S12 | 57 | S10 not S11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/23 17:34 |
| S13 | 20 | (optical with module) and ((latch$3 or snap$3) same adapter same ferrule) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/23 17:37 |
| S14 | 2 | S13 not S11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/23 17:38 |
| S15 | 77 | (optical with module) and (adapter with ferrule) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/23 17:39 |

| S16 | 20 | ("4553813" \| "4747656" \| "4762389" \| "4779952" \| "5042891" \| "5101463" \| "5109453" \| "5434941" \| "5577145" \| "5642450" \| "5684903" \| "5802230" \| "5887095" \| "5936263" \| "5993070").PN. OR ("6126325"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/24 08:02 |
|-----|-----|-----|-----|-----|-----|-----|
| S17 | 7 | ("5042891" \| "5428702").PN. OR ("6135644").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/24 08:04 |
| S18 | 37 | (US-20030128552-$ or US-20040076384-$ or US-20010026664-$ or US-20020028572-$ or US-20020060840-$ or US-20040091217-$).did. or (US-5661835-$ or US-6244754-$ or US-6572279-$ or US-6646291-$ or US-6786627-$ or US-6805494-$ or US-6836490-$ or US-5845031-$ or US-5924290-$ or US-6220765-$ or US-6345917-$ or US-5675685-$ or US-5960142-$ or US-6163072-$ or US-6366396-$ or US-6506624-$ or US-6614590-$ or US-6769819-$ or US-6632023-$ or US-6551134-$ or US-6126325-$ or US-6135644-$ or US-4553813-$ or US-4762389-$ or US-5042891-$ or US-5684903-$).did. or (EP-932062-$).did. or (JP-10319274-$ or JP-11211937-$).did. or (DE-20305690-$ or EP-932062-$). did. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/24 08:10 |
| S19 | 7 | S18 and (Kovar or "FeNi"$2) and (heat with sink) and (ceramic same metal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/24 08:15 |
| S20 | 1 | ("6786627").PN. | US-PGPUB; USPAT | OR | OFF | 2005/02/24 08:15 |
| S21 | 76 | (optical with module) and (Kovar or "FeNi"$2) and ((heat with sink) or cool$3) and (ceramic same metal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/24 08:15 |

# EAST Search History

| S22 | 0 | ("2004/0076384").URPN. | USPAT | OR | ON | 2005/02/24 08:26 |
|-----|---|------------------------|-------|-----|-----|------------------|
| S23 | 0 | ("2003/0128552").URPN. | USPAT | OR | ON | 2005/02/24 08:26 |
| S24 | 6 | ("20020191655" \| "5345373" \| "5416869" \| "5751877" \| "6207950" \| "6511236").PN. OR ("6786627").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/24 08:27 |
| S25 | 26 | (optical with module) and (stepped with ferrule) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/24 09:17 |
| S26 | 32 | (optical with module) and ((different or varying) with diameter with ferrule) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/24 09:18 |
| S27 | 36 | module same (diode or laser or source or detector) same ferrule same metal same weld$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/14 15:46 |
| S28 | 311 | (diode or laser or source or detector) same ferrule same metal same weld$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/15 08:46 |
| S29 | 44 | ("4285572" \| "4549783" \| "4865410" \| "5195156" \| "5289555").PN. OR ("5386488"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/14 15:39 |
| S30 | 22 | S29 and metal and weld$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/14 15:40 |
| S31 | 1 | S29 and ((diode or laser or source or detector) same ferrule same metal same weld$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/14 15:40 |

| S32 | 17 | (module same (diode or laser or source or detector)) and (ferrule same metal same weld$3 same ceramic) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/14 15:46 |
|-----|-----|-----|-----|-----|-----|-----|
| S33 | 40 | (US-20010026664-$ or US-20020028572-$ or US-20020060840-$ or US-20030128552-$ or US-20040076384-$ or US-20040091217-$ or US-20020085596-$).did. or (US-4553813-$ or US-4762389-$ or US-5042891-$ or US-5661835-$ or US-5675685-$ or US-5684903-$ or US-5751877-$ or US-5845031-$ or US-5924290-$ or US-5960142-$ or US-6126325-$ or US-6135644-$ or US-6163072-$ or US-6220765-$ or US-6244754-$ or US-6345917-$ or US-6366396-$ or US-6506624-$ or US-6551134-$ or US-6572279-$ or US-6614590-$ or US-6632023-$ or US-6646291-$ or US-6769819-$ or US-6786627-$ or US-6805494-$).did. or (US-6836490-$ or US-5386488-$).did. or (EP-932062-$).did. or (JP-10319274-$ or JP-11211937-$).did. or (EP-932062-$ or DE-20305690-$).did. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/09/14 15:52 |
| S34 | 8 | S33 and (diode or laser or source or detector) and (ferrule same metal same weld$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/14 15:53 |
| S35 | 8 | S33 and (ferrule same metal same weld$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/14 16:12 |
| S36 | 0 | ("2004/0076384").URPN. | USPAT | OR | ON | 2005/09/14 15:55 |

| S37 | 8 | S33 and (zirconia with ceramic) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/14 16:12 |
| S38 | 339 | ((diode or laser or source or detector) with module) and (base same ceramic same metal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/15 08:50 |
| S39 | 36 | ((diode or laser or source or detector) with module) and (base same ceramic same metal) and isolator | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/15 10:20 |

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